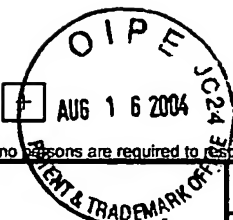


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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	107802,116
				Filing Date	03-16-2004
				First Named Inventor	Jefferson G. Shingleton
				Group Art Unit	1709
				Examiner Name	Asha Hall
Sheet	1	of	2	Attorney Docket Number	PWRL 1030-3

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/AH/	A1	4,000,734		Matlock et al.	01-04-1977	
	A2	4,103,672		Meyer	08-01-1978	
	A3	4,138,994		Shipley, Jr.	02-13-1979	
	A4	4,159,710		Prast	07-03-1979	
	A5	4,173,213		Kelly	11-06-1979	
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	A7	4,187,123		Diggs	02-05-1980	
	A8	4,316,448		Dodge	02-23-1982	
	A9	4,345,582		Naaman	08-24-1982	
	A10	4,370,974		Maxey	02-01-1983	
	A11	4,644,933		Gregory	02-24-1987	
	A12	4,585,318		Seifert	04-29-1986	
	A13	4,771,764		Cluff	09-20-1988	
	A14	4,995,377		Eiden	02-26-1991	
	A15	4,966,311		Maitlin et al.	10-30-1990	
	A16	5,131,955		Stern et al.	07-21-1992	
	A17	5,228,924		Barker et al.	07-20-1993	
	A18	5,253,637		Maiden	10-19-1993	
✓	A19	5,542,409		Sampayo	08-06-1996	
	A20	5,730,117		Berger	03-24-1998	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ts
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
/AH/	B1	AU	520 336	B	Vulcan Australia Ltd	01-28-1982		
	B2	DE	386 264	C	Carl Zeiss	12-07-1923	copy not available	
	B3	DE	9013951	U1	Inst. for Solar Energy	05-02-1991		
	B4	FR	2 608 741	A	Gerard	06-24-1988		
	B5	GB	2357785	A	Jeh-kun Lah	04-07-2001		
	B6	GB	733010		Martindale	06-07-1955		
	B7	JP	59 231362	A	Matsushita Electric	12-26-1984		
	B8	JP	56 118021	A	Kureha Chem Ind Co	09-16-1981		
	B9	JP	61 39585	A	Matsushita Electric	05-20-1984		
✓	B10	JP	11340491	A	Sanyo Electric Co Ltd	10-12-1999	Patent Abstract	

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number	107802,116				
Filing Date	03-16-2004				
First Named Inventor	Jefferson G. Shingleton				
Group Art Unit	1709				
Examiner Name	Asha Hall				
Attorney Docket Number	PWRL 1030-3				
Sheet	2	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/AH/	A21	6,058,930		Shingleton	05-09-2000	
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	A36					
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	A38					
	A39					
	A40					

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
		Office³	Number⁴	Kind Code⁵ (If known)				
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/802,116
		Filing Date	03-16-2004
		First Named Inventor	Jefferson G. Shingleton
		Group Art Unit	1709
		Examiner Name	Asha Hall
Sheet	1	of	1
		Attorney Docket Number	PWRL 1030-3

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cha No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Apparent
		Number	Kind Code ² (if known)			
/AH/	A1	3,565,719		Webb	02-23-1971	
	A2	4,429,178		Prideaux et al.	01-31-1984	
	A3	5,505,788		Dinwoodie	04-09-1996	
	A4	5,776,262		Melchior	07-07-1998	
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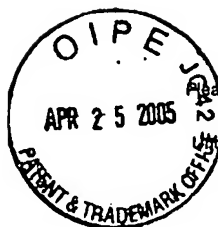
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Examiner Initials*	Cha No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Apparent	T ³
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	B8						
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		Application Number	10/802,116		
		Filing Date	03-16-2004		
		First Named Inventor	Jefferson G. Shingleton		
		Group Art Unit	1709		
		Examiner Name	Asha Hall		
Sheet	1	of	1	Attorney Docket Number	PWRL 1030-3

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		Number	Kind Code ² (if known)			
/AH/	A1	4,365,617		Bugash et al.	12-28-1982	
/AH/	A2	4,404,465		Miller	09-13-1983	
/AH/	A3	4,832,001		Baer	05-23-1989	
/AH/	A4	2003/0070705		Hayden et al.	04-17-2003	
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/AH/	B1	WO	01/55651	A1	Haber	08-02-2001		
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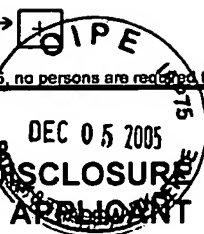
Examiner Signature	/Asha Hall/	Date Considered	05/31/2007
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Sheet	1	of	1	Application Number	10/802,116
				Filing Date	03-16-2004
				First Named Inventor	Jefferson G. Shingleton
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				Examiner Name	Asha Hall
				Attorney Docket Number	PWRL 1030-3

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
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